

# Low pH Extraction Shampoo 35-1003 MSDS Material Data Safety Sheet

Review and update this document annual as outlined by OSHA regulations and your safety plan.

## PRODUCT & COMPANY IDENTIFICATION

Identity (As Used on Label and List): LOW pH EXTRACTION SHAMPOO

Product Class: Extraction Shampoo  
Emergency Telephone Number: 651-227-8331  
Telephone Number for Information: 651-227-8331  
Manufacturer's Name and Address:  
Needels Supply Inc.  
444 Wacouta Street  
Saint Paul, MN 55101

Date Prepared 01-10-2008

## SECTION II - COMPOSITION/ INFORMATION ON INGREDIENTS

### Hazardous Components (Specific Chemical Identity):

Chemical	Common Name(s)	OSHA PEL	AGGIH	Other Comments
A	Water CAS# 7732-18-5	NE	NE	
B	Dipropylene Glycol Methyl Ether CAS# 34590-94-8	150ppm	150ppm	
C	Sodium sesquicarbonate CAS# 533-96-0	NA	NA	
D	Tetrasodium ethylenediaminetetraacetate CAS# 64-02-8	NE	2mg/m <sup>3</sup>	
E	Primary Alkane Sulfonate	NE	NE	
F	Alkyloxypolyethyleneoxypropyleneoxyethanol CAS# 68603-25-8	NE	NE	
G	Nonylphenol Polyethylene Glycol Ether CAS# 127087-87-0	NE	NE	

## SECTION III PHYSICAL CHARACTERISTICS

Solubility in Water: Complete  
Appearance and Odor: Clear liquid, Mild pine odor

## SECTION IV - FIRE FIGHTING MEASURES

Flammability: Autoignition  
Temperature:  
Flash Point (method used): 205 DEG. F TCC LEL:  
NK UEL: NK  
Flammable Limits: NK  
Extinguishing Media See Below

Water?	Foam? X	Water Fog? X	Alcohol Foam?
CO <sub>2</sub> ?	Dry Chemical? X	Vaporizing Liquid?	Other?

Special Fire Fighting Procedures: None  
Unusual Fire and Explosion Hazards: None Known  
TDG Flammability Classification:  
Sensitivity to Mechanical Impact:  
Sensitivity to Static Discharge:

## SECTION V - STABILITY AND REACTIVITY

Stability: Unstable: Stable: X  
Conditions to Avoid: Keep from freezing. Store at temperatures less than 120 DEG. F  
Incompatibility (materials to avoid): Do not mix with acids or acidic compounds or with oxidizers.  
Hazardous Decomposition or By-products: CO<sub>2</sub>, CO, NOX, SO<sub>2</sub> (Very small amounts), when residue is incinerated.  
Hazardous Polymerization: May occur: Will not occur: X Conditions to Avoid: NA

## SECTION VI HEALTH HAZARD DATA & FIRST AID MEASURES

Primary Hazards: Harmful if swallowed. Eye and skin irritant.  
Potential Health Hazards  
Route(s) of Entry: Skin Absorption: X Ingestion: NO  
Inhalation: X  
Eye: Flush eyes with running water for at least 15 minutes. If irritation persists, contact a physician.  
Skin: Rinse affected area with water. Remove and wash contaminated clothes before reuse.  
Ingestion: If swallowed, do not induce vomiting. Drink one to two glasses of water, call a physician immediately.  
Health Hazards: Harmful if swallowed. Eye and skin irritant.

Signs and Symptoms of Exposure: See health hazards  
Carcinogenicity: NTP? NO IARC Monographs? NO  
OSHA Regulated? NO.

## SECTION VII Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled: All spills should be treated as quickly as possible. Turn off all sources of ignition (pilot lights, cigarettes, etc.) in all areas close to spill. Provide good ventilation in spill area. CAUTION: Spills cause floors to become very slippery. It is recommended that an absorbent (oil dry, sawdust, etc.) be available in case a large spill (say more than 1/2 gallon) occurs. Drying and applying such material limits spread and improves ease of removal. Apply amounts recommended by the manufacturer this action generally makes the spill material into a semi-dry slush which can be removed from a floor using a squeegee (or floor brush) and a shovel (non sparking). Place this material in a waterproof container and hold for later disposal. After spill slush is removed, mop-rinse spill area with clear water. Mop-rinse again with clear and pick up rinse water with a wet/dry vacuum, put defoamer in vacuum tank to prevent vacuum flooding. Put rinse water in slush container. For small spills (less than 1/2 gallon of product) clean up by thoroughly mopping and rinsing. Note: It is recommended that on operator wear impervious footwear (neoprene, etc.), protective eye glasses and protective gloves.

Precautions to be Taken in Handling and Storing: Normal care in handling and storage. Keep from freezing and store at temperatures below 120 DEG. F

Other Precautions: Keep out of the reach of children. Do not Freeze.

Waste Disposal Method: Sanitary landfill or in accordance with existing ordinances.

## SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory Protection (Specify Types): NR

Ventilation: Local Exhaust: NR  
Special: NR

Mechanical (General): Normal good ventilation sufficient  
Other: NR  
Protective Gloves: Gloves suggested for hand work Eye  
Protection: Safety goggles or glasses Footwear:  
Other Protective Clothing or Equipment: NR  
Work/Hygienic Practices: Do not contaminate food or beverages with this or other cleaning chemicals..

## SECTION IX - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: Approx. 212 DEG. F pH:  
9.3/9.4  
Specific Gravity (H<sub>2</sub>O) = 1: 1.051-1.066 %  
Volatile:  
Vapor Density (Air = 1): Greater than 1 Od  
or Threshold:  
Evaporation Rate (Butyl Acetate = 1): NA Oil/  
Water Distribution  
Solubility in Water: Complete Coefficient:  
Vapor Pressure (MM HG): Same as water  
Melting Point: NA

## HMIS

Hazardous Material Identification System	
Health (Salud)	1 = Slight Hazard (Riesgo Ligero)
Flammable (Inflamabilidad)	2 = Moderate Hazard (Riesgo Merado)
Ractivity (Reactividad)	0 = Minimal Hazard (Riesgo Minimo)
Personal Protection	B = Gloves & Goggles

### MSDS Abbreviations

NE	Not Established
ND	Not Determined
NA	Not Available
NK	Not Known
NR	Not Required



**NEEDELS SUPPLY**  
for Cleaning & Maintenance Professionals